

[FIG. 2]

1: TORQUE COMMAND
2: CURRENT CONVERTER
4: CURRENT DETECTOR
5: CURRENT DETECTOR
8: d-q CONVERTER
11: VOLTAGE CONVERTER
13: VOLTAGE CONVERTER
15: d-q CONVERTER
19: POWER CONVERTER
20: ABSOLUTE VALUE CIRCUIT
21: DETECTION LEVEL SETTER
22: COMPARATOR
23: BREAK DETECTION SIGNAL
24: MAGNETIZING CURRENT COMMAND GENERATOR
A1: MOTOR
A2: ENCODER
A3: MOTOR PHASE

[FIG. 3]

A1: TORQUE COMMAND VALUE

图3

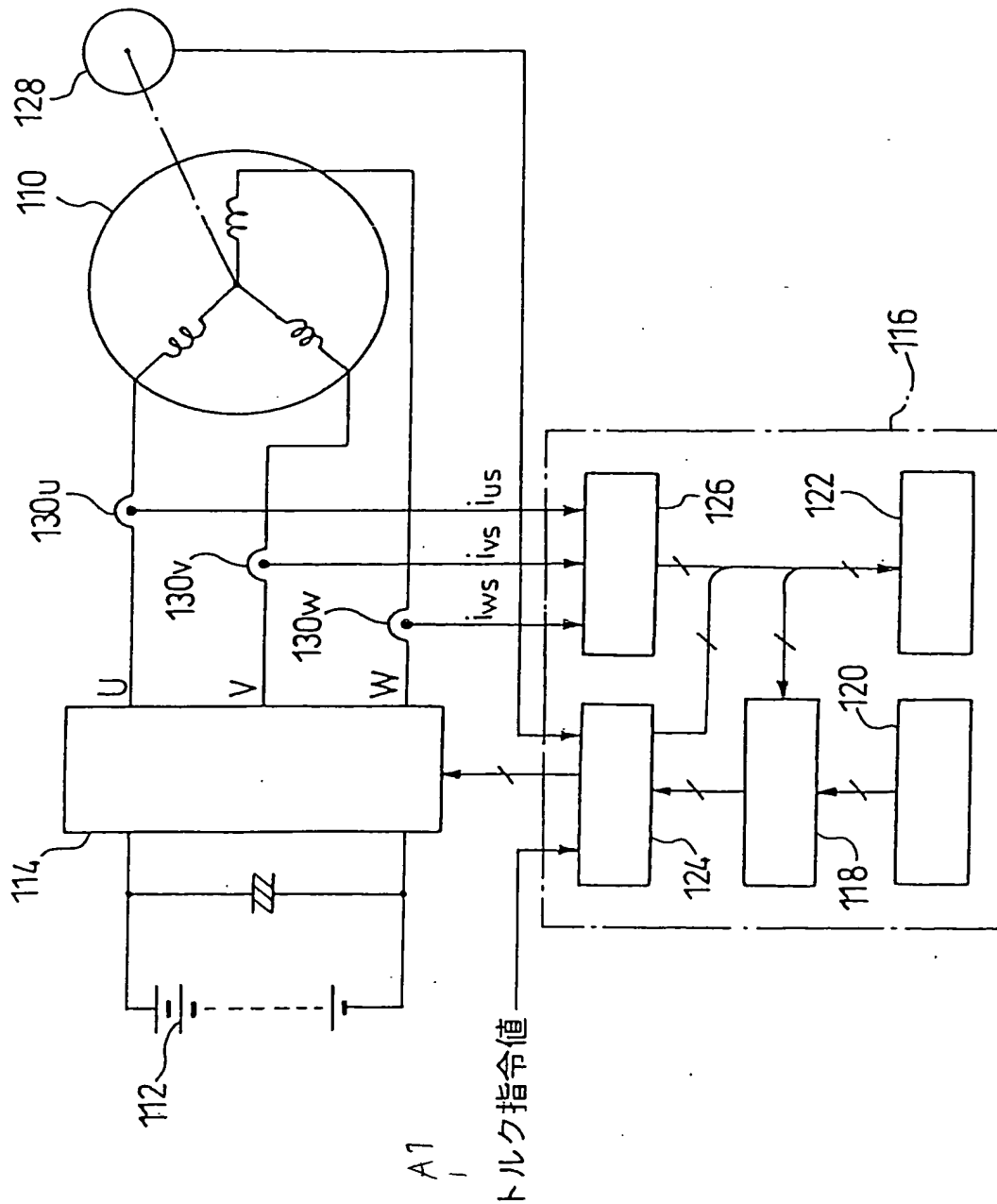
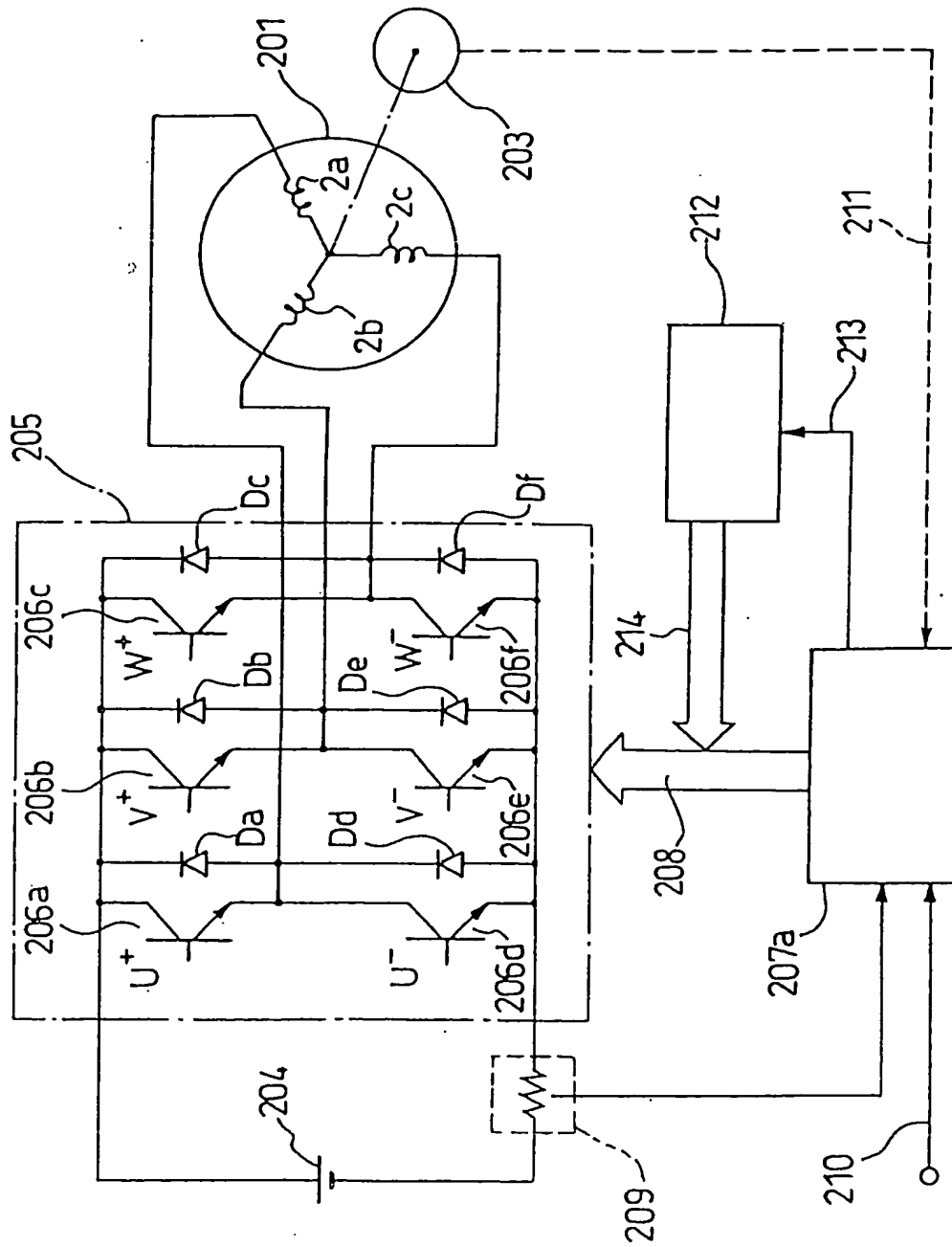


Fig. 3

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Fig. 4



[FIG. 1]

1: TORQUE COMMAND
2: CURRENT CONVERTER
4: CURRENT DETECTOR
5: CURRENT DETECTOR
8: d-q CONVERTER
11: VOLTAGE CONVERTER
13: VOLTAGE CONVERTER
15: d-q CONVERTER
19: POWER CONVERTER
20: ABSOLUTE VALUE CIRCUIT
21: DETECTION LEVEL SETTER
22: COMPARATOR
23: BREAK DETECTION SIGNAL
A1: MOTOR
A2: ENCODER
A3: MOTOR PHASE